Attorney's Docket No. <u>020600-280</u>

IN THE UNITED STATES FATENT AND TRADEMARK OFFICE

In re Patent Application of

Gunter Schmidt et al.

Application No.: 09/341,641

Filed: September 9, 1999

For: NUCLEIC ACID SEQUENCING

MAIL STOP AF

Group Art Unit: 1634

Examiner: Betty J. Forman

Confirmation No.: 5378

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AMENDMENT AFTER FINAL REJECTION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated March 4, 2005, and further to the Notice of Appeal filed September 6, 2005 and the Examiner Interview of October 20, 2005, Applicants submit herewith the following Response:

Amendments to the claims begin on page 2 of this paper.

Remarks begin on page 5 of this paper.